# TRANSLATION PATENT COOPERATION TREATY POT

#### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicar	nt's or ag	ent's file referer	nce			
P8311PCT				FOR FURTHER A	CTION	See Form PCT/IPEA/416
International application No.				International filing da	te (day/month/year)	Priority date (day/month/year)
PCT	/DE2	004/002	631	27.11.200	4	16.12.2003
Internati	onal Pat	ent Classificatio	on (IPC) or nati	onal classification and l	IPC	
E040	G11/	06				
Applicar	nt					
PER	I GM	BH				
1.				minary examination rep te applicant according to		International Preliminary Examining Authority
2.		EPORT consists		=	sheets, including	g this cover sheet.
3.			_	NNEXES, comprising:		
	a. 🔀	(sent to the	applicant and	to the International Bu	reau) a total of 19	sheets, as follows:
			-		_	mended and are the basis for this report and/or
			s containing re- actions).	ctifications authorized t	by this Authority (see Ru	le 70.16 and Section 607 of the Administrative
		the di				siders contain an amendment that goes beyond in item 4 of Box No. I and the Supplemental
	_	Box.				
	b	(sent to the	International .	Bureau only) a total of (	(indicate type and number	r of electronic carrier(s))
	, containing a sequence listing and/or tables					
				readable form only, as trative Instructions).	s indicated in the Supple	mental Box Relating to Sequence Listing (see
4.	This re	port contains in	dications relati	ng to the following item	ns:	
	$\boxtimes$	Box No. I	Basis of the	report		
		Box No. II	Priority			
		Box No. III	Non-establi	shment of opinion with	regard to novelty, invent	ive step and industrial applicability
		Box No. IV	Lack of unit	ty of invention		
	$\boxtimes$	Box No. V		tatement under Article 3 d explanations supportin		lty, inventive step or industrial applicability;
		Box No. VI	Certain doc	uments cited		
		Box No. VII	Certain defe	ects in the international	application	
		Box No. VIII	Certain obs	ervations on the interna	tional application	
Date of submission of the demand			T	Date of completion of thi	is report	
Name and mailing address of the IPEA/EP					Authorized officer	
Facsimile No.				Telephone No.		

International application No.
PCT/DE2004/002631

Box	No. I	Basis of the report		
1.		h regard to the language, this report is based on the internatio cated under this item.	nal application in the language in	which it was filed, unless otherwise
		This report is based on translations from the original language which is the language of a translation furnished for the purposition international search (Rule 12.3 and 23.1(b))  publication of the international application (Rule 12.4)	oses of:	·
	¥¥7:+1.	international preliminary examination (Rule 55.2 and		abanda subiab bassa banu fusurinbadda dha
2.	rece	h regard to the <b>elements</b> of the international application, this eiving Office in response to an invitation under Article 14 and report):  the international application as originally filed/furnished		
		the description:		11 C1 1/C 1
		pages* 1-15	received by this Authority on	as originally filed/furnished 21.07.2005 with letter of 20.07.2005
		pages*	received by this Authority on	
	$\boxtimes$	the claims:		
		nos. 13,14		as originally filed/furnished
		nos.*		21.07.2005 with letter
		nos.* <u>1-12</u>		
	$\square$	nos.*	received by this Authority on	
		the drawings: sheets 1/6-6/6		as originally filed/furnished
		sheets*		
		sheets*	received by this Authority on	
		a sequence listing and/or any related table(s) - see Supplem	ental Box Relating to Sequence L	isting.
3.		The amendments have resulted in the cancellation of:		
		the description, pages		
		the claims, nos.		
		the drawings, sheets/figs		
		the sequence listing (specify):		
		any table(s) related to sequence listing (specify):		
4.		This report has been established as if (some of) the amend they have been considered to go beyond the disclosure as fi		
		the description, pages		
		the claims, nos.		-
		the sequence listing (specify):		
*	If ite	any table(s) related to sequence listing (specify):  em 4 applies, some or all of those sheets may be marked "sup	erseded."	

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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or citations and explanations supporting such statement		Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	
1.	Statement		
	Novelty	(N) Claims 1-12	_ YES
		Claims	_ NO
	Inventive	e step (IS) Claims 1-12	YES
		Claims	_ NO
	Industria	l applicability (IA) Claims 1-12	YES
		Claims	
2.	Citations an	d explanations (Rule 70.7)	
2.	1.	This report makes reference to the following	
	<b>-</b>	documents:	
		D1: EP 0 807 501 A	
		D4: GB 1 001 768 A	
	2.	Document D1 discloses (the references in	
		parentheses are to that document) a curved	
		concrete framework (see title) having	
	i.	a framework element with a first brace and a	
	second brace (cf. figure 1 and column 1, lines 55-		
		57), the braces having	
	ii.	- a first brace end region at a first brace end	
		(cf. figure 1) arranged in the longitudinal	
		direction of the brace, the brace having a slot 21	
		and a round hole (3), and	
		- a brace tie for fixing the brace to the formwork	
		element (implicit in column 1, lines 55-57),	
	iv.	the slot (21) and the round hole (3) being located	
		next to each other in the first brace end region	
		(cf. figure 1 and column 3, lines $22-30$ ).	
	2.1	The subject matter of claim 1 therefore differs	

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Sox No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive citations and explanations supporting such statement	step or industrial applicability;			
	from the known curved concrete form	nwork in that			
v.	the brace is secured to the curved concrete				
	formwork in such a way that an end of the first				
	brace overlaps at least partially with an end of				
	the second brace,				
vi.	the slot at the end of the first brace overlaps				
	with the round hole at the end of the second brace				
	in such a way that a first bolt passage is formed,				
	and the slot at the end of the second brace				
	overlaps with the round hole at the end of the				
	first brace in such a way that a second bolt				
	passage is formed.				
	The subject matter of claim 1 is th	nus novel (PCT			
	Article 33(2)).				
2.2	The present invention can therefore	e be considered			
	to address the problem of providing a rigid curved				
	formwork which is easier to assembl	Le.			
2.3	D4 (cf. figure 2) describes a curve	ed concrete			
	formwork with a formwork element and braces, the				
	braces being secured in such a way that an end of				
	a first brace partially overlaps with an end of a				
	second brace (cf. $feature v$ ).				
	However, <b>feature vi</b> is neither know	vn from nor			
	suggested by the available prior art. The braces				
	are joined together by feature vi in such a way				
	that they can withstand a bending m	noment, yet can			

still be folded against one another and nested

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
	within each other.
2.4	The solution to this problem, as proposed in claim
	1 of the present application, therefore involves
	an inventive step (PCT Article 33(3)). Claims 2-12
	are dependent on claim 1 and thus also meet the
	PCT novelty and inventive step requirements.